UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/928,048	08/10/2001	Thomas L. Cantor	

CONFIRMATION NO. 7860

FORMALITIES LETTER

Brian D. Voyce
Suite C204
1100 Possum Trot Road
North Myrtle Beach, SC 29582

OC000000006968573

Date Mailed: 10/25/2001

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- **For Rules Interpretation, call (703) 308-4216**
- **To Purchase PatentIn Software, call (703) 306-2600**
- **For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov**

*A copy of this notice **MUST** be returned with the reply.*
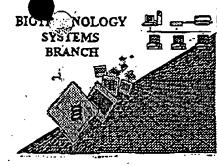
Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 3 - OFFICE COPY

BIOTECHNOLOGY SYSTEMS BRANCH

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: *09/928,048*

Source: *OIPE*

Date Processed by STIC: *8/23/2001*

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.
Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).
Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
http://www.uspto.gov/web/offices/pac/checker

RAW SEQUENCE LISTING   DATE: 08/23/2001
PATENT APPLICATION: US/09/928,048   TIME: 15:01:19

Input Set : A:\ES.txt
Output Set: N:\CRF3\08162001\I928048.raw

```
101 <211> LENGTH: 51 [integer length]
103 <212> TYPE: PRT
105 <213> ORGANISM: human parathyroid hormone peptide fragment
107 <400> SEQUENCE: 5
109 Phe Val Ala Leu Gly Ala Pro Leu Ala Pro Arg Asp Ala Gly Ser
110 1               5               10              15
112 Gln Arg Pro Arg Lys Lys Glu Asp Asn Val Leu Val Glu Ser His
113             20              25              30
115 Glu Lys Ser Leu Gly Glu Ala Asn Lys Ala Asp Val Asn Val Leu
116             35              40              45
118 Thyr Lys Ala Lys Ser Gln
119             50
```
E-->

VERIFICATION SUMMARY   DATE: 08/23/2001
PATENT APPLICATION: US/09/928,048   TIME: 15:01:20

Input Set : A:\ES.txt
Output Set: N:\CRF3\08162001\I928048.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:0 M:201 W: Mandatory field data missing, FILE REFERENCE
L:67 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:67 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1
L:96 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:96 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1
L:118 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:118 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1

        Input Set : A:\ES.txt
        Output Set: N:\CRF3\08162001\I928048.raw

    4 <110> APPLICANT: Cantor, Thomas L.
    6 <120> TITLE OF INVENTION: Methods and Devices for Direct Determination of Cyclase
nhibiting
    7   Parathyroid Hormone
--> 9 <140> CURRENT APPLICATION NUMBER: US/09/928,048
    9 <141> CURRENT FILING DATE: 2001-08-10
    0 <130> FILE REFERENCE:
    9 <160> NUMBER OF SEQ ID NOS: 5
   11 <170> SOFTWARE: Microsoft Word 2000 - ASCII format

RRORED SEQUENCES

   42 <210> SEQ ID NO: 3   delete
   44 <211> LENGTH: 84 [integer length]
   46 <212> TYPE: PRT
   48 <213> ORGANISM: human parathyroid hormone peptide fragment
   50 <400> SEQUENCE: 3
   52 Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu
   53 1   5   10   15
   55 Asn Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp
   56   20   25   30
   58 Val His Asn Phe Val Ala Leu Gly Ala Pro Leu Ala Pro Arg Asp
   59   35   40   45
   61 Ala Gly Ser Gln Arg Pro Arg Lys Lys Glu Asp Asn Val Leu Val
   62   50   55   60
   64 Glu Ser His Glu Lys Ser Leu Gly Glu Ala Asn Lys Ala Asp Val
   65   65   70   75
:--> 67 Asn Val Leu (Thyr) Lys Ala Lys Ser Gln   invalid
   68   80
   71 <210> SEQ ID NO: 4
   73 <211> LENGTH: 83 [integer length]   delete
   75 <212> TYPE: PRT
   77 <213> ORGANISM: human parathyroid hormone peptide fragment
   79 <400> SEQUENCE: 4
   81 Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn
   82 1   5   10   15
   84 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val
   85   20   25   30
   87 His Asn Phe Val Ala Leu Gly Ala Pro Leu Ala Pro Arg Asp Ala
   88   35   40   45
   90 Gly Ser Gln Arg Pro Arg Lys Lys Glu Asp Asn Val Leu Val Glu
   91   50   55   60
   93 Ser His Glu Lys Ser Leu Gly Glu Ala Asn Lys Ala Asp Val Asn
   94   65   70   75
:--> 96 Val Leu (Thyr) Lys Ala Lys Ser Gln
   97   80
   99 <210> SEQ ID NO: 5